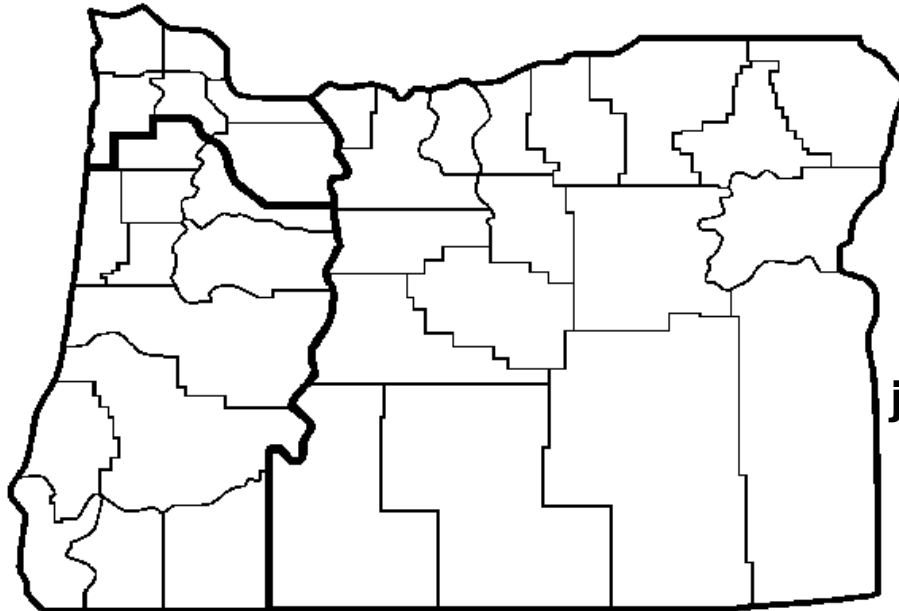




Department of Environmental
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Oregon's Sediment Policies and Management Priorities



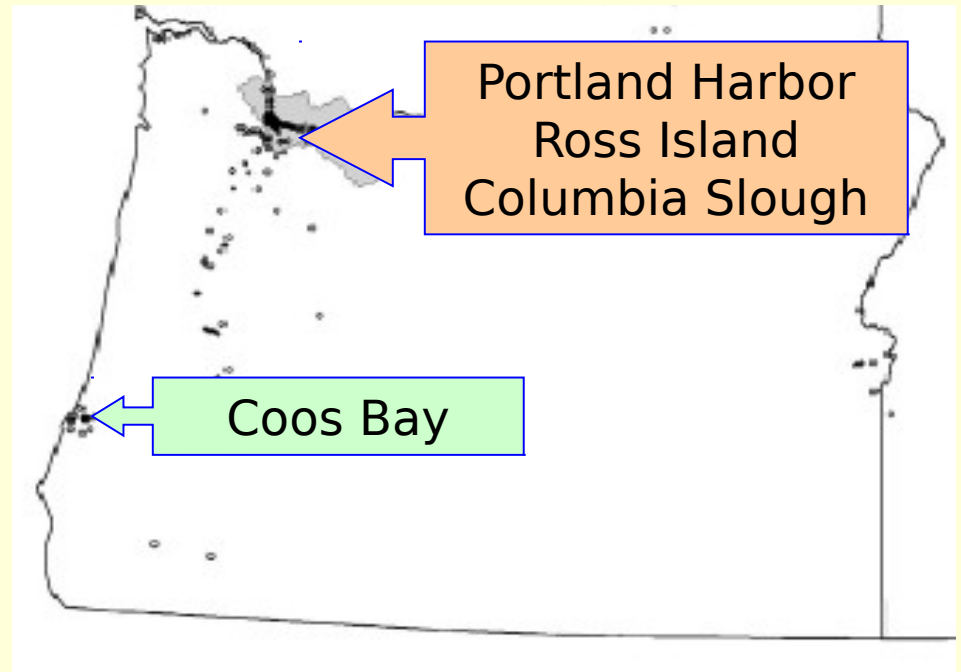
Keith Johnson
Land Quality Division
Cross Program Section
503-229-6431
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Department of Environmental Quality **Overview**

DEQ's awareness of the challenges in assessing and managing clean and contaminated sediment has grown dramatically in the past five years.

How can sediment be managed in an efficient and environmentally protective way?





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Presentation Overview

- Cross Program coordination and sediment work
- The sediment management and evaluation process
- Policy Directions and Funding
- Goals of Advisory Panel for Sediment Guidance



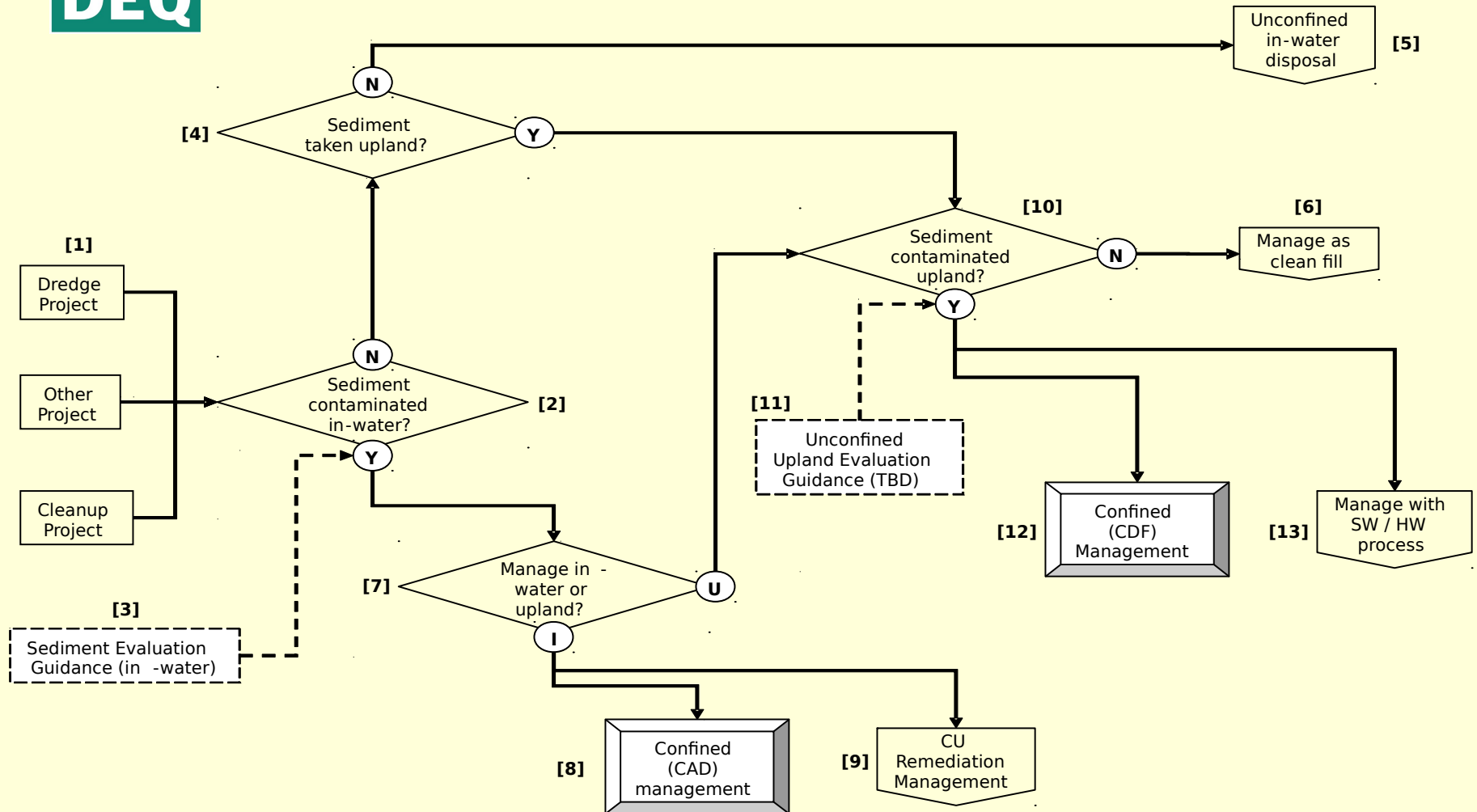
Cross Program Coordination and Sediment Work

- Creating an effective sediment management process is integral to Agency strategic direction of “Protecting Human Health and the Environment from Toxics” and regulatory streamlining.
- Strategy must coordinate with other State and federal agencies that are involved in sediment management.
- Internal consistency- provide an approach fully integrated and supported across all DEQ programs.
- External consistency- singular message from DEQ to stakeholders

Sediment Management and Evaluation Process

DEQ

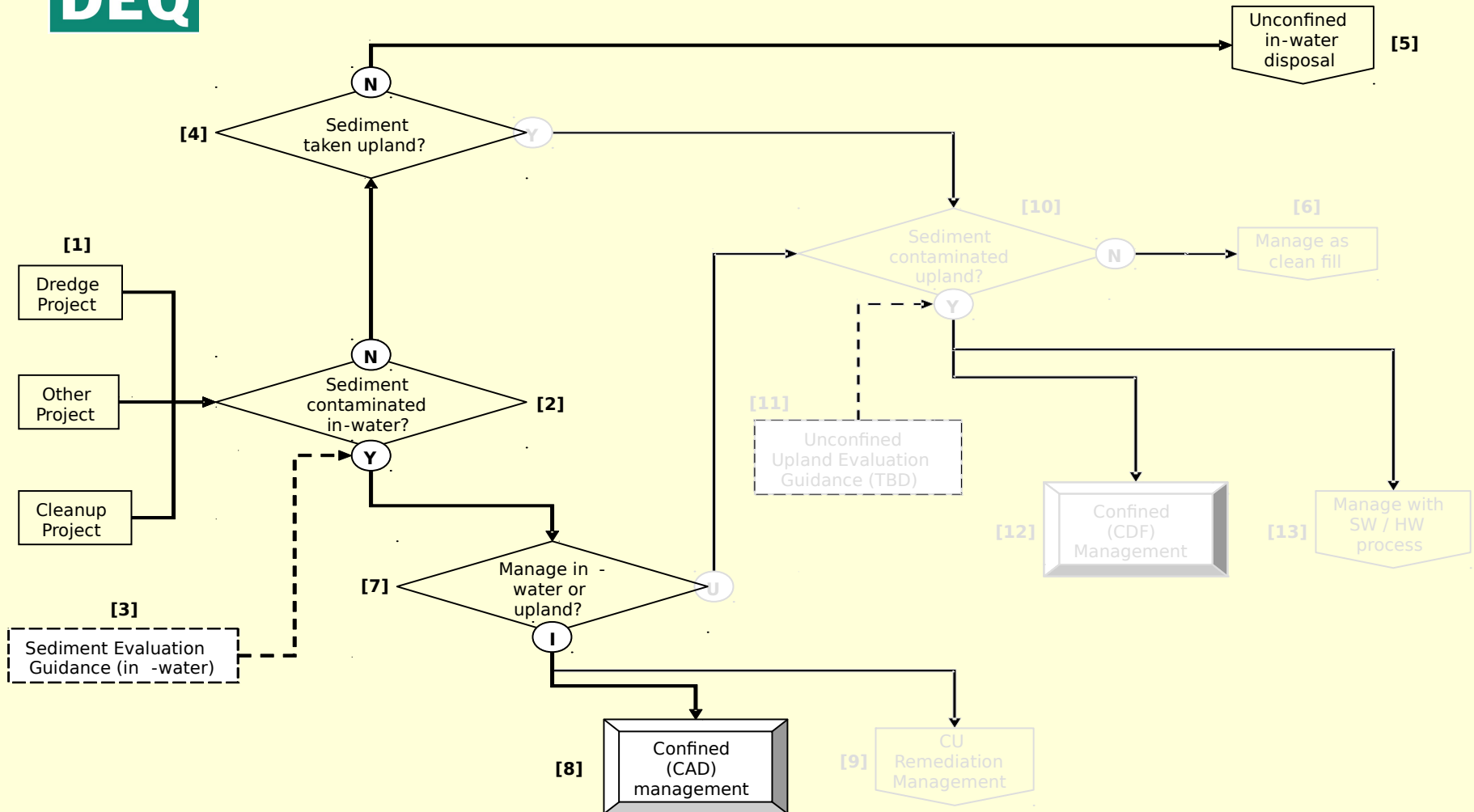
Figure 1. Overview of Proposed DEQ Sediment Management Process



Sediment Management and Evaluation Process

Water Quality Involvement

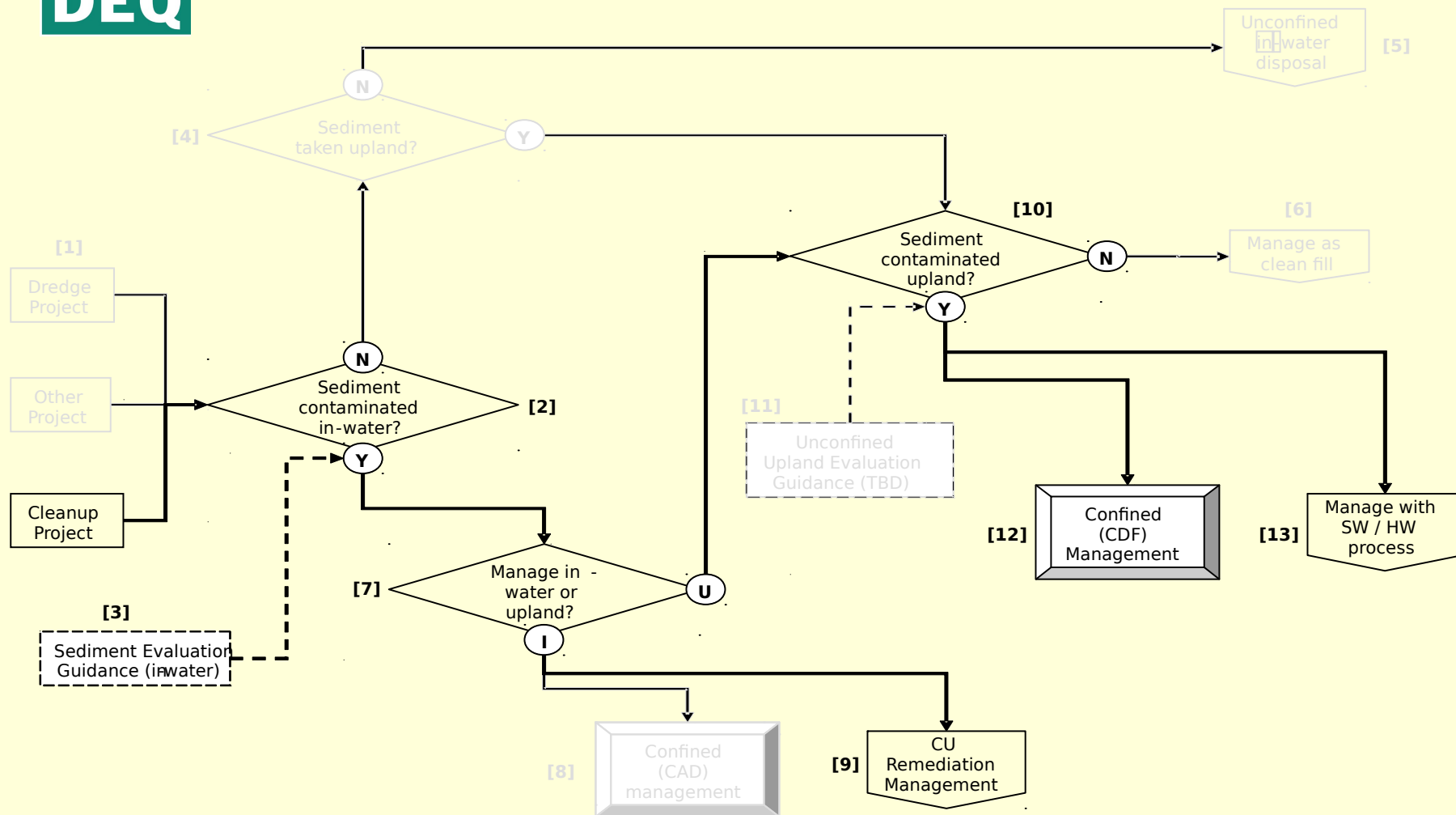
DEQ



Sediment Management and Evaluation Process

Cleanup Involvement

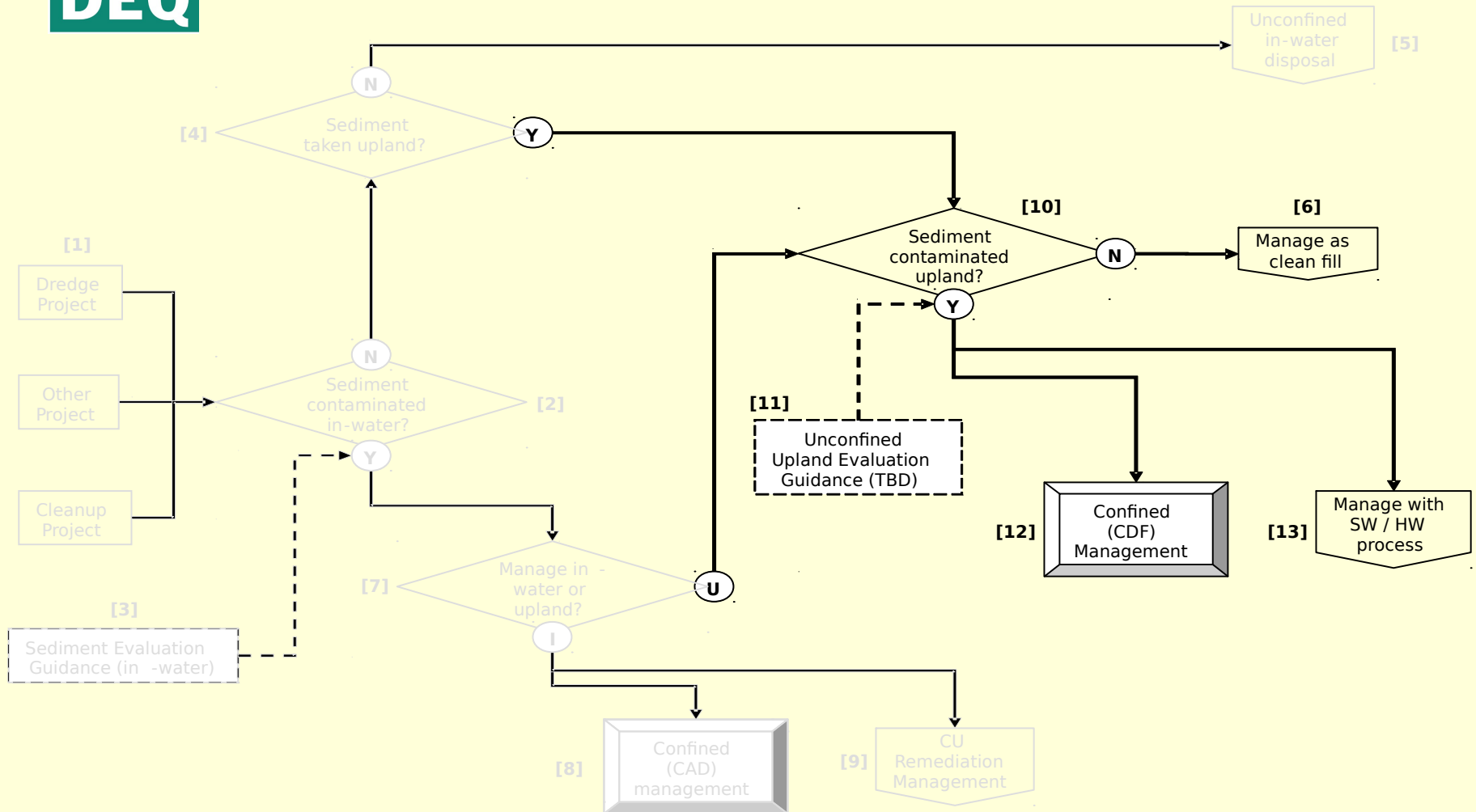
DEQ



Sediment Management and Evaluation Process

Solid Waste Involvement

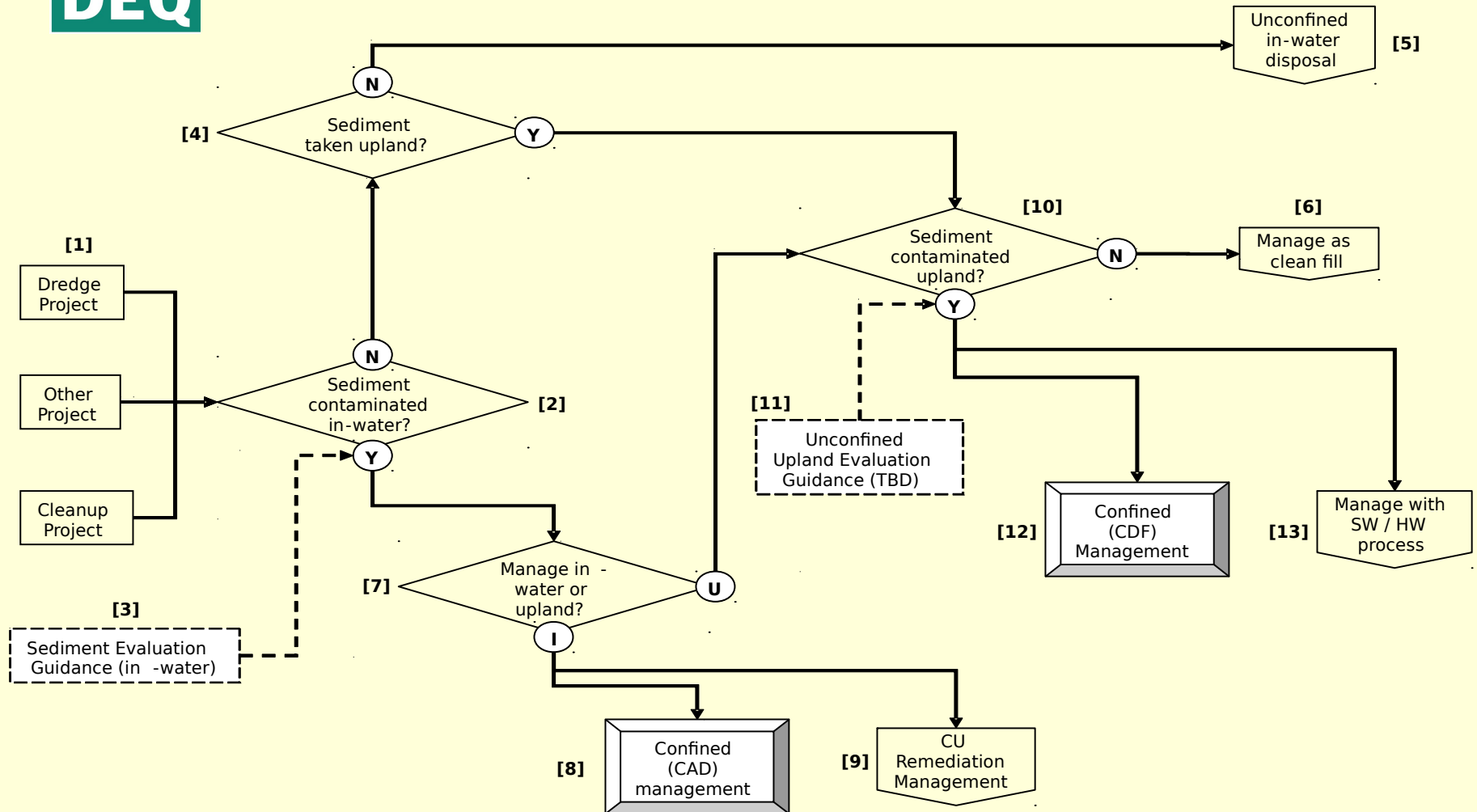
DEQ



Sediment Management and Evaluation Process

DEQ

Figure 1. Overview of Proposed DEQ Sediment Management Process





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Current Policy Issues

- Clarifying DEQ's role in managing clean sediment
- Managing non-clean or contaminated sediment
- Determining if sediment is clean or contaminated with respect to Human Health and the Environment
- Source control implications- bringing together CWA and Cleanup priorities to prevent sediment recontamination



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Policy Directions and Priorities

- DEQ has a role in ensuring contaminated sediment is properly evaluated to protect human health and the environment
- Contaminated sediment-
 - Protect aquatic communities and its dependants via ecological risk process
 - Sediment Evaluation Guidance
 - Integrate LQ concerns in DMEF for “one clean determination”?
- Clean Sediment- Need to clarify DEQ’s role
 - Clean sediment is adequately handled in-water via the 404 process
 - Clarify role of DEQ and DSL in upland management of clean sediment- what is clean? How do we ensure?



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Policy Directions and Priorities

- Sediment evaluation- Who decides what is contaminated?
 - EPA/Corps of Engineers through the Dredged Material Evaluation Framework
 - Water Quality through “impaired beneficial use”
 - Solid Waste program through Clean Fill determinations
 - Cleanup using a risk-based process
 - DEQ Sediment Guidance, which may combine risk and impairment
 - Federal trustees (e.g., NOAA Fisheries, Tribes)



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Goals for Sediment Guidance

- DEQ is developing Guidance to...
 - Evaluate state cleanup sites with potential sediment issues
 - Determine if a remedial action is necessary to "...protect human health and the environment..."
 - Assist in identifying and selecting one or more appropriate remedial actions, if needed
 - Relationship to RSET



Advisory panel

- To provide DEQ with constructive feedback on guidance development
 - 12 members from 6 different stakeholder sectors
 - Industry, environmental, trustee, tribal, local government, at large
 - 2 all day working sessions (open to public) remain
 - Deliberation, not necessarily consensus



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Goals for Sediment Guidance

- The Guidance should...
 - Provide clear scope and focus for how sediment will be evaluated to achieve the goals of the CU statute and program.
 - Use a risk and/or effects-based framework
 - Employing existing, “off-the-shelf” methods
 - A tiered approach, with established, but flexible, decision points
 - Consistent with that used in existing Cleanup guidance
 - Tiers should focus decisions, minimizing open-ended analyses
 - Format accessible to project managers, regulated community, stakeholders
 - Provide information for managers to evaluate variety of remedial alternatives, without bias toward a specific alternative



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Cross Program Sediment Workgroup

- Workgroup formed to...
 - Identify the existing regulatory structure; evaluate the adequacy of that structure
 - Coordinate our actions with respect to evaluation and management of contaminated sediments
 - Evaluate existing standards for contaminated sediments. Identify standards appropriate for different sediment situations
 - Work across programs to achieve more integrated outcomes



Department of Environmental Quality **Summary**

DEQ sediment policy priorities

- Clarify SW authorities related to clean sediment (with DSL)
- Continue work on Sediment Evaluation Guidance, move forward with Advisory Panel process
- Integrate results of above across DEQ programs and other state/federal agencies (via RSET process, other coordinating groups)
- Source control to prevent recontamination
- Ongoing communication with stakeholders



Department of Environmental Quality

For Additional Information

Visit the Cleanup Program Website at:

<http://www.deq.state.or.us/wmc/cleanup/clean.htm>

Other contacts:

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